

What is claimed is:

1. A rubber composition, comprising:

a base polymer consisted of (A) 20-99 weight parts of high cis polybutadiene synthesized in the presence of a cobalt-based catalyst and having a Mooney viscosity of 50-70 and a molecular weight distribution (Weight average molecular weight (Mw)/Number average molecular weight (Nw)) of 2.5-3.8, and (B) 80-1 weight part(s) of high cis polybutadiene synthesized in the presence of a non-cobalt-based catalyst and having a Mooney viscosity of 30-70; and

a crosslinking coagent.

2. A rubber composition, comprising:

a base polymer consisted of (A) 20-99 weight parts of high cis polybutadiene synthesized in the presence of a cobalt-based catalyst and having a Mooney viscosity of 30-42 and a molecular weight distribution (Weight average molecular weight (Mw)/Number average molecular weight (Nw)) of 2.5-3.8, and (B) 80-1 weight part(s) of high cis polybutadiene synthesized in the presence of a non-cobalt-based catalyst and having a Mooney viscosity of 30-70; and

a crosslinking coagent.

3. The rubber composition according to claim 1 or 2, wherein said (A) high cis polybutadiene has a ratio (T<sub>cp</sub>/ML) of 2.0-5.0 between the 5% toluene solution viscosity (T<sub>cp</sub>) and the Mooney viscosity (ML), and a cis-1.4 content of 95 % or above.

4. The rubber composition according to any one of claims 1-3, wherein said (A) high cis polybutadiene has a weight average molecular weight (Mw) of 550-700 thousands and a number average molecular weight (Nw) of 150-300 thousands.

5. The rubber composition according to any one of claims 1-4, wherein said (B) high cis polybutadiene is synthesized in the presence of a nickel- or neodymium-based catalyst and has a cis-1.4 content of 95 % or above.

6. A golf ball comprising a rubber base material having said rubber composition according to any one of claims 1-5.